

WHAT IS CLAIMED IS:

1. An imaging device, comprising:

a convex mirror for reflecting first incident light representing an object, the convex mirror having a shape of solid of revolution;

an imaging mechanism for taking a reflected image represented by light reflected in the convex mirror; and

an optical member for guiding the first incident light toward the convex mirror and guiding the reflected light toward the imaging mechanism, the optical member having an attenuation section for attenuating second incident light which is incident on an outer circumferential surface of the optical member in an opposite direction to the first incident light, passes through the optical member, is reflected by an inner circumferential surface of the optical member so as to be directed toward the convex rotational mirror, and is superimposed on the first incident light.

2. An imaging device according to claim 1, wherein the attenuation section is a hole formed in the optical member, and the hole contains an air layer therein having a different light transmittance from that of the optical

member so that the second incident light is attenuated by crossing the hole.

3. An imaging device according to claim 2, wherein the hole is shaped so as not to obstruct a viewing angle provided by the convex rotational mirror.

4. An imaging device according to claim 2, wherein the hole is shaped as a body of revolution centered around a rotation axis of the convex rotational mirror.

5. An imaging device according to claim 4, wherein the hole is cylindrical.

6. An imaging device according to claim 4, wherein the hole is conical.

7. An imaging device according to claim 2, wherein the hole has a frosted surface for attenuating the second incident light.

8. An imaging device according to claim 2, further comprising an electric wire for supplying electric power and a signal to the imaging mechanism, the electric wire

passing through the hole and connected to the imaging mechanism.

9. An imaging device according to claim 2, wherein the hole is tapped for attaching the imaging device to an external member.

10. An imaging device, comprising:

    a convex mirror for reflecting first incident light representing an object, the convex mirror having a shape of solid of revolution;

    an imaging mechanism for taking a reflected image represented by light reflected by the convex mirror; and

    an optical member for guiding the first incident light toward the convex mirror and guiding the reflected light toward the imaging mechanism, the optical member having a light-shielding section for shielding second incident light which is incident on an outer circumferential surface of the optical member in an opposite direction to the first incident light and passes through the optical member toward an inner circumferential surface of the optical member.

11. An imaging device according to claim 10, wherein the

light-shielding section is a hole formed in the optical member, and the imaging device further includes a light-shielding thin film for shielding the second incident light.